

Acknowledgment

The Department of Energy (DOE) acknowledges the many organizations whose documents provided important source material for the standard. They include:

American Society of Mechanical Engineers

ANSI B30.2, "Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder)"

ANSI B30.5, "Crawler, Locomotive, and Truck Cranes"

ANSI B30.9, "Slings"

ANSI B30.10, "Hooks"

ANSI B30.16, "Overhead Hoists (Underhung)"

ANSI B56.1, "Low Lift and High Lift Trucks"

ANSI MH11.4, "Forks and Fork Carriers for Powered Industrial Fork Lift Trucks"

Construction Safety Association (CSA) of Ontario

"The Rigging Handbook"

Society of Automotive Engineers, Inc. (SAE)

SAE J1028, "Mobile Crane Working Area Definitions"

Permission to reprint specific figures and illustrations was obtained from CSA and SAE. Applicable sections of 29 CFR 1910, "Occupational Safety and Health Standards for General Industry," and 29 CFR 1926, "Occupational Safety and Health Regulations for Construction," have been paraphrased or reproduced verbatim throughout. The contributions of DOE's Hoisting and Rigging Committee, which has met semi-annually since 1980, is also recognized. Representing many DOE sites, this group has provided advice and clarification of the codes and standards that form the underlying basis for this document. Without their time and talent, which has been provided gratuitously, there would be no standard.

Other significant contributors include the two editors, Ingeborg Westfall and Marshall Henrie, whose considerable efforts resulted in several of the substantive improvements described in the History and Background section, and whose changes regarding text, format, and spelling have improved the standard to what we believe is the equivalent of desktop-publishing quality and in doing so increased its usefulness to the hoisting and rigging community. The Department is also greatly indebted to Kay Johnson, now retired, who, during his 10-year tenure as program coordinator, perhaps more than any other person, was responsible for developing the standard into the truly invaluable document that it is today.

The standard is a safety, not a design, document intended for use by safety professionals and managers. In keeping with this philosophy, only those portions of standards and regulations dealing with safety, particularly those deemed most relevant to DOE operations, have been included. While it is convenient to have focused, indepth hoisting and rigging safety information concentrated into one document, the significance of the above source material is acknowledged, and readers are strongly encouraged to review each of them so as to have a full description of the subject area covered.

In the past, DOE issued and disseminated the *Hoisting and Rigging Standard* using controlled distribution list. Beginning with this edition, uncontrolled distribution is available through the

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ES&H Technical Information Services, U.S. Department of Energy, (800) 473-4375, fax: (301) 903-9823 to Federal agencies and their contractors; and the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161, telephone (703) 605-6000, to non-Federal agencies, and the private sector. These organizations charge a fee for a copy of the document. DOE appreciates the opportunity to share *The Hoisting and Rigging Standard* with a wider audience.